

## PATENT CLAIMS

1. Cassette for storing cinema film rolls (7), where the cassette (14) comprises a first portion (15) and a second portion (16), which portions (15, 5 16) are essentially plane-parallel and separated by a spacing which exceeds the thickness of a cinema film roll (7) and connected by a connecting part (17), which cassette (14) also has an opening (18), characterized in that the cassette (14) comprises bearing supports (25, 26) for weight-relief against an essentially horizontal circular table (4, 5) when the film roll (7) is moved between the cassette (14) and the circular table (4, 5). 10
2. Cassette according to claim 1, characterized in that the connecting part comprises a receiving portion (22) which the film roll (7) essentially rests against during storage and transport. 15
3. Cassette according to claim 1 or 2, characterized in that the first portion (15) of the cassette has a gripping recess (32) which exposes a portion of the film roll (7) in order to make it possible to move the film roll into and out of the cassette (14). 20
4. Cassette according to any one of the preceding patent claims, characterized in that the second portion (16) of the cassette has a concave contact edge (27) which is adapted to be applied to a peripheral edge of the circular table (4, 5) in order to form a support against this edge. 25
5. Cassette according to any one of the preceding patent claims, characterized in that cutout openings (35) in the middle of the cassette constitute handles for lifting and carrying the cassette (14) in a vertical position, and in that cutout openings (33, 34) in the periphery of the cassette constitute handles for carrying the cassette (14) in a horizontal position. 30

6. Cassette according to any one of the preceding patent claims, characterized in that a close-fitting cover is arranged as protection for the film roll (7) during transport.

5 7. Rack (40) intended for a cassette (14) for storing cinema film rolls (7), where the cassette (14) comprises a first portion (15) and a second portion (16), which portions (15, 16) are essentially plane-parallel and separated by a spacing which exceeds the thickness of a cinema film roll (7) and connected by a connecting part (17), which cassette (14) also has an  
10 opening (18), characterized in that the rack (40) is designed in such a way that the cassette (14) is held fixed during transport and storage and that pins (37, 38) arranged at the centre ring (36) of the film roll (7) do not catch on the said rack (40) when the cassette (14) is handled.

15 8. Relief trolley (46) intended for a cassette (14) for storing cinema film rolls (7), where the cassette (14) comprises a first portion (15) and a second portion (16), which portions (15, 16) are essentially plane-parallel and separated by a spacing which exceeds the thickness of a cinema film roll (7) and connected by a connecting part (17), which cassette (14) also has an  
20 opening (18), characterized in that the relief trolley (46) rests on wheels (47, 48, 49, 50), from which a stand (52) leads up to a raisable and lowerable cassette-holder (54) mounted in an articulated manner, which consists of a plane portion (58) and a pocket (59).

25 9. Relief trolley according to claim 8, characterized in that the cassette (14) normally rests against the plane portion (58) and/or the pocket (59) when the cassette (14) is inserted in the pocket (59).

10. Relief trolley according to claim 8 or 9, characterized in that  
30 the position of the cassette-holder (54) can be locked relative to the stand (52).

11. Relief trolley according to any one of claims 8-10, characterized in that the stand (52) comprises hydraulic means (57) for raising and lowering the cassette-holder (54) so that the cassette-holder (54) can be adjusted to a vertical level suitable for the purpose.

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12. Method of transferring a cinema film roll (7) from an essentially horizontal circular table (4, 5) to a storage cassette (14), characterized in that it comprises the steps:

lifting up and positioning the cassette (14) so that bearing supports (25, 26)

10 of the cassette (14) come to rest on the circular table (4);

fitting a contact edge (27) of the cassette (14) against the circular table (4, 5), which contact edge (27) is adapted on the whole to follow the peripheral shape of the circular table (4, 5);

retaining the cassette (14) in this position with one hand at the same time as

15 the film roll (7) is guided into the cassette (14) from the circular table (4, 5) by a portion of the film roll (7) being taken hold of with the other hand, and lifting the cassette (14) down for further storage.

13. Method of transferring a cinema film roll (7) from a storage cassette (14) to an essentially horizontal circular table (4, 5), characterized in that it comprises the steps:

lifting up and positioning the cassette (14) so that bearing supports (25, 26) of the cassette (14) come to rest on the circular table (4, 5);

fitting a contact edge (27) of the cassette (14) against the circular table (4, 5),

25 which contact edge (27) is adapted on the whole to follow the peripheral shape of the circular table (4, 5);

retaining the cassette (14) in this position with one hand at the same time as the film roll (7) is guided out of the cassette (14) onto the circular table (4, 5) by a portion of the film roll (7) being taken hold of with the other hand, and

30 lifting the cassette (14) down for further storage.

14. Method according to claim 12 or 13, characterized in that lifting up and positioning the cassette (14) so that bearing supports (25, 26) of the cassette (14) come to rest on the circular table (4) comprises the steps:

- 5 positioning the cassette (14) in a pocket (59) of a cassette-holder (54), the orientation of which is essentially vertical, where the pocket (59) at least partly covers the cassette (14);  
folding the cassette-holder (54) up so that its orientation becomes essentially horizontal, the orientation of the cassette (14) also becoming essentially  
10 horizontal;  
moving the cassette-holder (54) to the circular table (4, 5) concerned, where the cassette-holder (54) is adjusted vertically into such a position that the cassette (14) and the circular table (4, 5) are located at a corresponding level in relation to one another, and  
15 fitting the cassette (14) against the circular table (4, 5).

15. Method according to claim 14, characterized in that lifting the cassette (14) down for further storage comprises the steps:

- moving the essentially horizontally oriented cassette-holder (54),  
20 accommodating the cassette (14), away from the circular table (4,5);  
vertical adjustment of the cassette-holder (54), if necessary;  
folding the cassette-holder (54) down so that its orientation becomes essentially vertical, the orientation of the cassette (14) also becoming essentially vertical, and  
25 moving the cassette (14) from the cassette-holder (54) to the place intended for it.

16. Method according to claim 13, characterized in that lifting up and positioning the cassette (14) so that bearing supports (25, 26) of the  
30 cassette (14) come to rest on the circular table (4, 5) comprises the steps:

positioning a cassette-holder (54), the orientation of which is essentially horizontal, at a storage space where cassettes (14) are stored with an essentially horizontal orientation;

vertical adjustment of the cassette-holder (54) so that its vertical level  
5 corresponds to the vertical level of the cassette (14) concerned;

moving the cassette (14) into a pocket (59) of the cassette-holder (54), where the pocket (59) at least partly covers the cassette (14);

moving the cassette-holder (54) to the circular table (4, 5) concerned, where the cassette-holder (54) is adjusted vertically into such a position that the

10 cassette (14) and the circular table (4, 5) are located at a corresponding level in relation to one another, and

fitting the cassette (14) against the circular table (4, 5).

17. Method according to claim 13, characterized in that lifting  
15 up and positioning the cassette (14) so that bearing supports (25, 26) of the cassette (14) come to rest on the circular table (4, 5) comprises the steps:

positioning a cassette-holder (54) accommodating a cassette (14), the orientation of which cassette-holder (54) is essentially horizontal, at a storage space where film rolls (7) are stored with an essentially horizontal orientation;

20 vertical adjustment of the cassette-holder (54) so that the vertical level of the cassette (14) corresponds to the vertical level of the film roll (7) concerned;

moving the film roll (7) into the cassette (14);

moving the cassette-holder (54) to the circular table (4, 5) concerned, where the cassette-holder (54) is adjusted vertically into such a position that the

25 cassette (14) and the circular table (4, 5) are located at a corresponding level in relation to one another, and

fitting the cassette (14) against the circular table (4, 5).